

* SWBAT relate the motion of an object to graphs of position, velocity, and acceleration

Sep 6-2:31 PM

Welcome!!!

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SECA Physics
Monday 7 October 2013

Centering...

- * Pick up:
 - packet
 - get a computer and get logged in

Test on Thursday =
don't miss
WEDNESDAY!

Opening Question:

A car takes 2 seconds to speed up from 35 mph to 45 mph. What is the car's acceleration?

$$a = \frac{\Delta v}{\Delta t} = \frac{10 \frac{\text{mi}}{\text{hr}}}{2 \text{ s}} = 5 \text{ mi/hr/s}$$



Sep 7-7:04 AM

Catchy Physics Phrases: Speed, Velocity, Acceleration

Speed is

Change in distance over
change in time

Velocity is

Speed with direction

Acceleration is

Change in **velocity** over
change in time

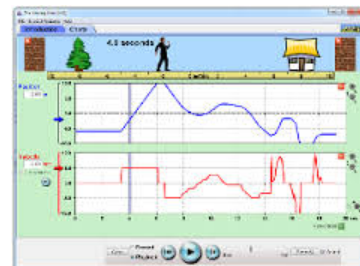
Example:

Oct 4-7:27 AM

Moving Man packet

- One reader / recorder and one computer operator (recommended)
- Read the directions
- Try more than once before drawing
- Questions are to check if you understand how motion connects to the graphs as time goes by

Daily 3 will be from the packet



Oct 5-8:37 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM